

## Asset Management and Economics ABC40 Transportation Asset Management

Asset management stresses, among other concepts, basing evaluations of project alternatives and program tradeoff analyses on the merit of projects and programs, and adopting a strategic view in investment decisions and resource allocation. Both of these concepts imply the use of economic principles in project evaluation and application of life-cycle cost analyses. Papers are solicited in one or more of the following topics related to economic analyses of transportation infrastructure:

1. Unique or innovative applications of life-cycle cost techniques
2. Applications of user costs and benefits to evaluating project and program alternatives
3. Program tradeoff analyses (e.g., capital-maintenance tradeoffs in preservation; operations management-capacity expansion projects in mobility)
4. Comparisons of benefit-cost results across competing programs or modes
5. Algorithms to deal with unique situations in economic analysis (e.g., very long-lived facilities)
6. Performance measurement in an economic context
7. Use of economic analyses in cross-modal comparisons
8. Case studies of economic analyses in executive and political decision-making

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